In [1]:

```python
import requests
from bs4 import BeautifulSoup
```

In [2]:

```python
page = requests.get('https://en.wikipedia.org/wiki/List_of_posta
l_codes_of_Canada:_M')
soup = BeautifulSoup(page.text, 'html.parser')
```

In [3]:

```python
records = []

# table recherche
code_table = soup.find('table')

# p items
'''
<p>
    <b>M4A</b><br/>
    <span style="font-size:80%;">
        <a href="/wiki/North_York" title="North York">North York
</a>
        <br/>
        (<a href="/wiki/Victoria_Village" title="Victoria Villag
e">Victoria Village</a>)
    </span>
</p>,

'''
name_codes_item = code_table.find_all('p')

for mysource in name_codes_item:

    myPostaCode = mysource.find('b').contents[0]
    # <b>M4A</b><br/> -> M4A


    myBorough_myNeighborhood = mysource.find_all('span')[0].text
    # <a href="/wiki/North_York" title="North York">North York</
```

```
a> (<a href="/wiki/Victoria_Village" title="Victoria Village">Vi
ctoria Village</a>)


    first_part = myBorough_myNeighborhood.replace( ')', '')
    first_part1 = first_part.replace( '/', ', ')
    #first_part1
    new_base = first_part1.split('(')

    # North York
    myBorough = new_base[0:1]
    myBorough = ','.join(myBorough)

    # Victoria Village
    myNeighborhood = new_base[1:]
    myNeighborhood = ','.join(myNeighborhood)
    if myNeighborhood == '':
        myNeighborhood = myBorough # clone Borough's value if no
value to Neighborhood
    else:
        myNeighborhood = myNeighborhood


    #print( myPostaCode, myBorough,myNeighborhood )
    records.append((myPostaCode,myBorough, myNeighborhood))
```

In [4]:

```
import pandas as pd
df_toronto = pd.DataFrame(records, columns=['PostalCode', 'Borou
gh', 'Neighborhood'])
```

```
In [5]:
```

```
df_toronto.head(10)
```

Out[5]:

	PostalCode	Borough	Neighborhood
0	M1A	Not assigned	Not assigned
1	M2A	Not assigned	Not assigned
2	M3A	North York	Parkwoods
3	M4A	North York	Victoria Village
4	M5A	Downtown Toronto	Regent Park , Harbourfront
5	M6A	North York	Lawrence Manor , Lawrence Heights
6	M7A	Queen's Park , Ontario Provincial Government	Queen's Park , Ontario Provincial Government
7	M8A	Not assigned	Not assigned
8	M9A	Etobicoke	Islington Avenue
9	M1B	Scarborough	Malvern , Rouge

```
In [6]:
```

```
# delete "Not assigned"
import numpy as np
df_toronto.replace("Not assigned", np.nan, inplace=True)
```

```
In [7]:
```

```
df_toronto.dropna(inplace=True)
```

```
In [8]:
```

```
# re Index
df_toronto.reset_index(drop = True, inplace = True)
```

```
In [9]:
```
```
df_toronto
```

Out[9]:

	PostalCode	Borough	Neighborhood
0	M3A	North York	Parkwoods
1	M4A	North York	Victoria Village
2	M5A	Downtown Toronto	Regent Park , Harbourfront
3	M6A	North York	Lawrence Manor , Lawrence Heights
4	M7A	Queen's Park , Ontario Provincial Government	Queen's Park , Ontario Provincial Government
...	...	...	...
98	M8X	Etobicoke	The Kingsway , Montgomery Road , Old Mill North
99	M4Y	Downtown Toronto	Church and Wellesley
100	M7Y	East TorontoBusiness reply mail Processing Cen...	Enclave of M4L
101	M8Y	Etobicoke	Old Mill South , King's Mill Park , Sunnylea...
102	M8Z	Etobicoke	Mimico NW , The Queensway West , South of Bl...

103 rows × 3 columns

```
In [ ]:
```

```
In [ ]:
```